



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

Serving the People of California

June 1991

APRIL 1991

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into seven sets of tables by state and region: Wage and Salary Workers (Table A), Agricultural Production Workers (Table B), Average Weekly Earnings of Production Workers (Table C), Average Hours Worked by Production Workers (Table D), and Average Hourly Earnings of Production Workers (Table E).

April 1991 agricultural employment totaled 347,600 (Table 1-A), a 22 percent increase from March 1991, but 1,800 below the year-ago total. Month-over increases in the San Joaquin Valley (Crops Production and Farm Labor Contracting), Central Coast (Berries), South Coast (Berries) and the Sacramento Valley (Crops Production) outweighed losses in the Desert (Farm Labor Contracting).

Wage and Salary Workers in Agricultural Establishments For April 1991 (In Thousands)

Industry	State- wide	San- Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	347.6	135.4	75.5	52.1	43.0	29.3	11.0
Total Crops	190.6	69.1	51.6	32.7	13.0	19.8	7.7
Total Livestock	27.0	13.8	2.9	1.2	5.4	2.1	2.0
Total Services	130.0	52.5	21.0	18.2	24.6	7.4	1.3

Source: Tables 1-A through 7-A, April 1991.

Regional Crop Activities

Statewide, year-over losses in Crops Production were mostly offset by gains in Farm Labor Contracting. Losses in Agricultural Services in the San Joaquin Valley were offset by gains in the South Coast, Desert and Central Coast. (Tables 1-A through 7-A.)

According to the California Farm Labor Report (881A), the major regional crop activities during April were:

- Desert : Grapefruit (harvest) and Grapes (suckering, deleafing and thinning).
- South Coast: Horticulture (harvest), avocados, lemons and tomatoes (harvest), other Vegetables and strawberries (plant, cultivate and harvest).
- Central Coast: Horticulture (plant, cultivate and harvest), strawberries (preharvest/harvest) and Vegetables (plant, cultivate and harvest).
- San Joaquin Valley: Orchards (thin), tomatoes (thin and hoe), asparagus (harvest) and Vegetables (plant, cultivate and harvest).

Agricultural Production Workers

The April statewide agricultural production worker employment figure was 315,600 (Table 1-B); this was 25 percent above the March level.

Average weekly earnings for agricultural production workers were \$268.38 statewide and ranged from \$230.48 in the Desert Region to \$301.59 in the Central Coast Region. (Tables 1-C through 7-C.)

Statewide, the average hours worked by agricultural production workers were 42.6, with a low of 35.9 hours in the Desert Region and a high of 46.1 hours in the Sacramento Valley Region. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

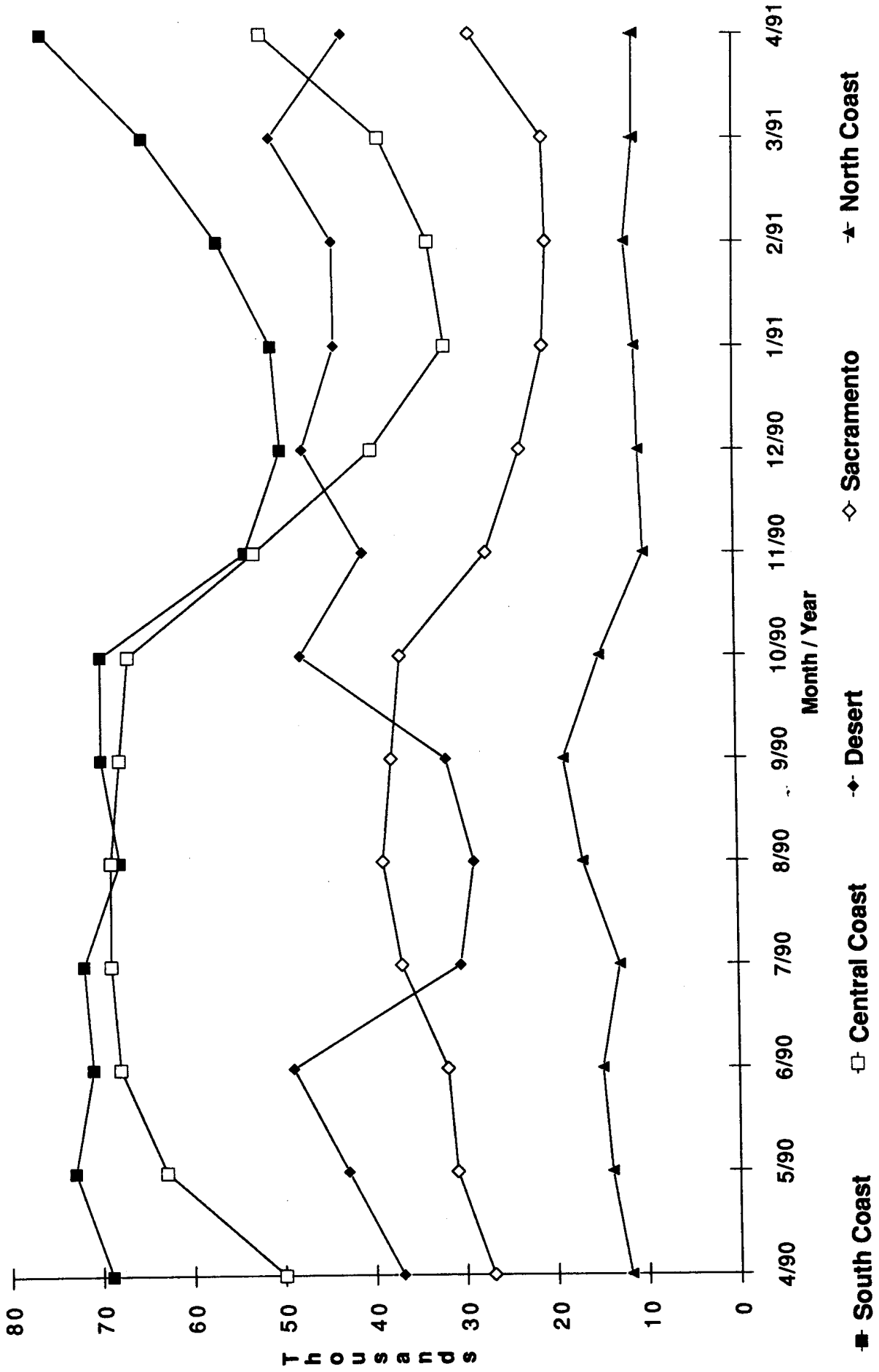
For April 1991

(In Dollars per Hour)

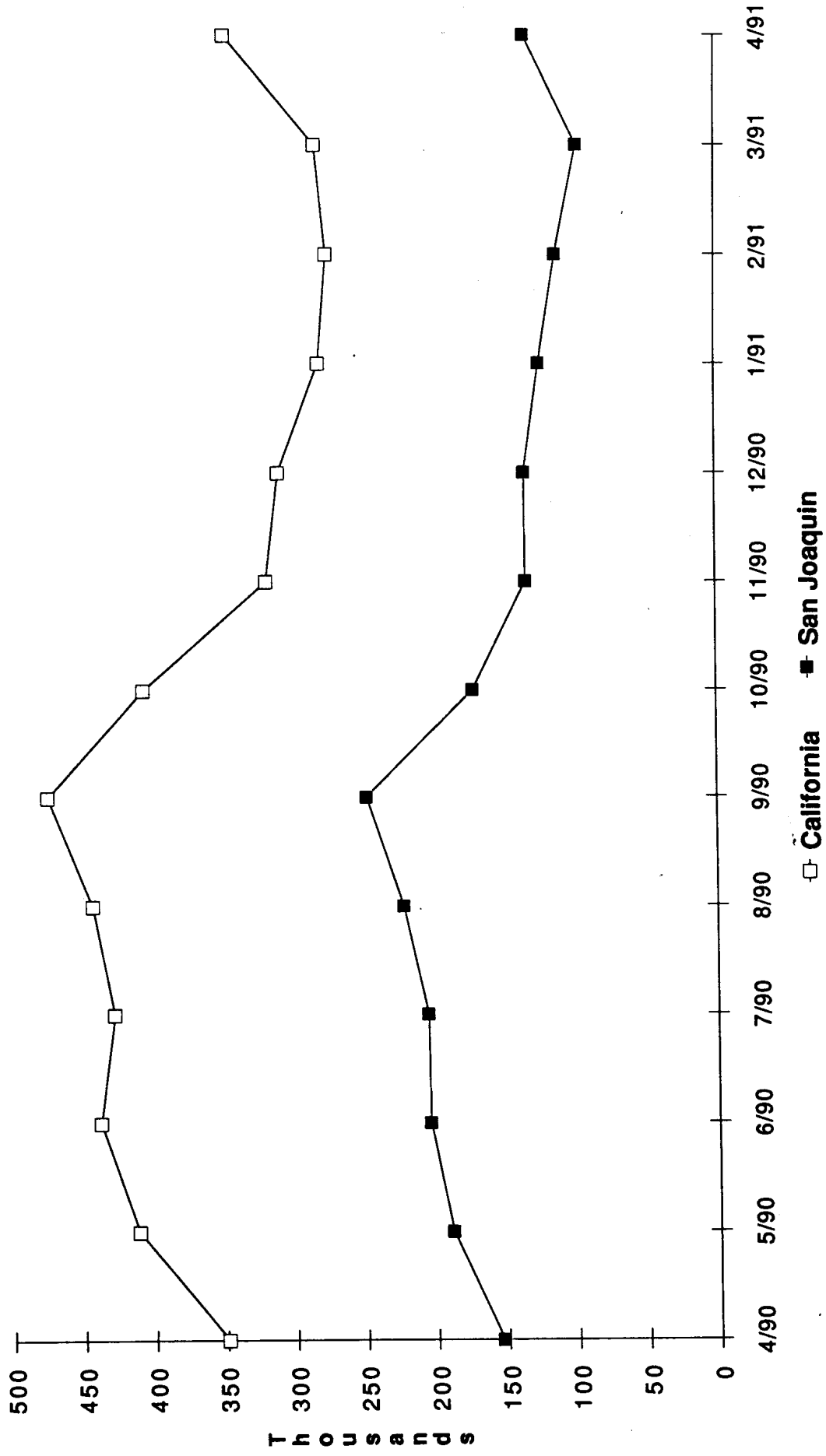
Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	6.30	5.87	6.63	6.87	6.42	5.94	6.79
Total Crops	6.16	5.71	6.44	6.50	5.97	5.86	6.73
Total Livestock	7.15	6.97	6.37	8.03	8.27	7.73	6.64
Total Services	6.34	5.76	7.18	7.55	6.19	5.61	7.32

Source: Tables 1-E through 7-E, April 1991.

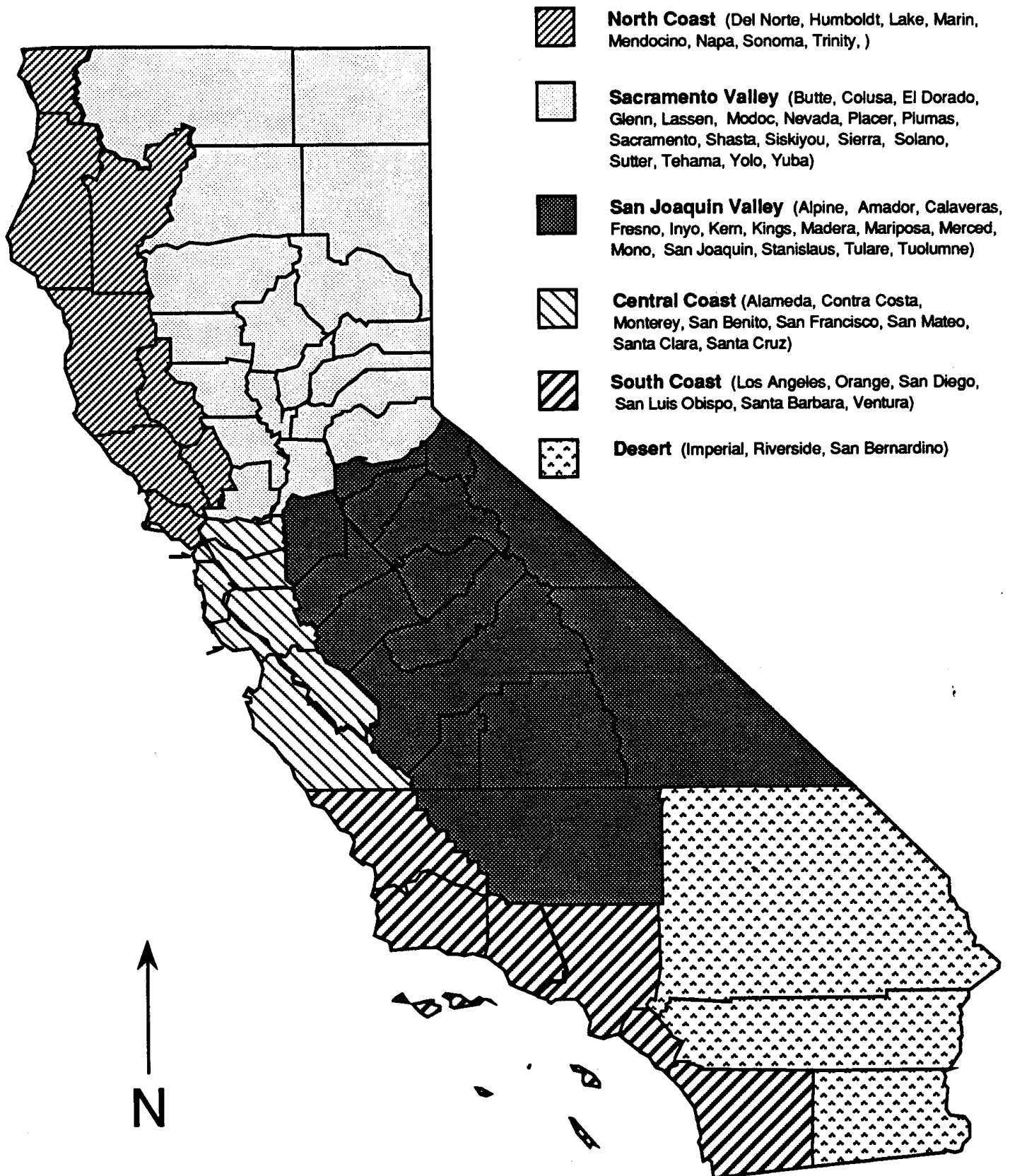
TOTAL WAGE & SALARY EMPLOYMENT **All Regions except San Joaquin**



TOTAL WAGE & SALARY EMPLOYMENT
California and San Joaquin Region



CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey of 4,000 agricultural employers. This sample, about 12% of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period. Since the full employer sample was not complete prior to October 1990, the data for production workers employment, earnings and hours are not yet available for year-over comparison.

DATA COMMENTS:

ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- It is important to note that average hourly earnings are not hourly wage rates; they are gross earnings of production workers divided by total hours for production workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a new monthly sampling project: the Current Employment Statistics for Agriculture. Therefore, estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994** or call (916) 427-4961. (ATSS 8-466-4961).

TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991	APR 1990
TOTAL AGRICULTURAL	347.6	284.1	349.4
TOTAL AGRIC. PROD. CROPS	190.6	152.4	198.7
CASH GRAINS	3.8	2.7	3.7
RICE	2.0	1.2	2.0
OTHER CASH GRAIN	1.8	1.5	1.7
FIELD CROPS EXCEPT CASH GRAIN	11.7	9.8	12.0
COTTON	6.7	5.5	6.7
OTHER FIELD CROPS	5.0	4.3	5.3
VEGETABLES AND MELONS	27.5	22.6	31.9
TOTAL FRUIT AND TREE NUTS	85.5	64.0	84.7
BERRIES	24.0	14.8	23.9
GRAPES	28.2	20.7	26.0
TREE NUTS	5.5	5.3	5.5
CITRUS FRUITS	5.8	5.7	6.7
DECIDUOUS TREE FRUIT	12.3	7.7	13.2
OTHER FRUITS AND NUTS	9.7	9.8	9.4
TOTAL HORTICULTURAL SPECIALTIES	31.2	30.0	34.6
ORNAMENTAL FLORAL & NURS PRD	28.2	27.1	31.1
FOOD CROPS GROWN UNDR COVER	3.0	2.9	3.5
GENERAL FARM PRIMARILY CROP	30.9	23.3	31.8
TOTAL AGRIC. PROD. LIVESTOCK	27.0	26.6	27.4
BEEF CATTLE FEED LOTS	0.9	0.9	1.0
BEEF CATTLE EXCEPT FEED LOTS	4.0	3.8	4.0
DAIRY FARMS	12.5	12.2	12.7
CHICKEN EGGS	3.3	3.4	3.3
TURKEYS & TURKEY EGGS	1.2	1.2	1.3
OTHER LIVESTOCK	5.1	5.1	5.1
TOTAL AGRICULTURAL SERVICES	130.0	105.1	123.3
SOIL PREPARATION SERVICES	1.0	1.0	1.0
CROP SERVICES	41.2	36.2	43.0
CROP PLANT-CULT-PROTECTION	5.3	4.5	5.6
CROP HARVEST PRIM. MACHINE	9.2	7.6	8.0
CROP PREP. SERV. FOR MARKET	25.9	23.3	28.6
COTTON GINNING	0.8	0.8	0.8
TOTAL FARM LABOR & MANAGEMENT	87.8	67.9	79.3
FARM LABOR CONTRACTORS	80.8	61.0	67.9
FARM MANAGEMENT SERVICES	7.0	6.9	11.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	315.6	253.2
TOTAL AGRIC. PROD. CROPS	171.4	133.9
CASH GRAINS	3.1	2.4
RICE	1.5	1.0
OTHER CASH GRAIN	1.6	1.4
FIELD CROPS EXCEPT CASH GRAIN	10.5	8.5
COTTON	6.2	4.9
OTHER FIELD CROPS	4.3	3.6
VEGETABLES AND MELONS	25.3	20.6
TOTAL FRUIT AND TREE NUTS	79.7	58.5
BERRIES	23.6	14.5
GRAPES	25.8	18.1
TREE NUTS	4.7	4.7
CITRUS FRUITS	5.4	5.3
DECIDUOUS TREE FRUIT	11.1	6.6
OTHER FRUITS AND NUTS	9.1	9.3
TOTAL HORTICULTURAL SPECIALTIES	25.5	24.1
ORNAMENTAL FLORAL & NURS PRD	22.9	21.6
FOOD CROPS GROWN UNDR COVER	2.6	2.5
GENERAL FARM PRIMARILY CROP	27.3	19.8
TOTAL AGRIC. PROD. LIVESTOCK	22.8	22.3
BEEF CATTLE FEED LOTS	0.7	0.7
BEEF CATTLE EXCEPT FEED LOTS	3.2	3.0
DAIRY FARMS	11.6	11.3
CHICKEN EGGS	2.4	2.5
TURKEYS & TURKEY EGGS	0.8	0.7
OTHER LIVESTOCK	4.1	4.1
TOTAL AGRICULTURAL SERVICES	121.4	97.0
SOIL PREPARATION SERVICES	0.7	0.7
CROP SERVICES	36.2	31.2
CROP PLANT-CULT-PROTECTION	4.3	3.4
CROP HARVEST PRIM. MACHINE	8.6	7.1
CROP PREP. SERV. FOR MARKET	22.8	20.1
COTTON GINNING	0.5	0.6
TOTAL FARM LABOR & MANAGEMENT	84.5	65.1
FARM LABOR CONTRACTORS	78.6	59.2
FARM MANAGEMENT SERVICES	5.9	5.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	268.38	238.10
TOTAL AGRIC. PROD. CROPS	275.35	243.75
CASH GRAINS	311.83	274.39
RICE	352.41	324.90
OTHER CASH GRAIN	272.75	237.17
FIELD CROPS EXCEPT CASH GRAIN	288.86	257.92
COTTON	272.25	258.75
OTHER FIELD CROPS	312.48	256.67
VEGETABLES AND MELONS	311.16	281.72
TOTAL FRUIT AND TREE NUTS	249.10	211.68
BERRIES	262.25	178.14
GRAPES	229.94	212.55
TREE NUTS	275.75	240.13
CITRUS FRUITS	309.58	285.96
DECIDUOUS TREE FRUIT	220.67	216.98
OTHER FRUITS AND NUTS	252.01	202.62
TOTAL HORTICULTURAL SPECIALTIES	289.09	277.77
ORNAMENTAL FLORAL & NURS PRD	284.03	270.92
FOOD CROPS GROWN UNDR COVER	334.30	335.86
GENERAL FARM PRIMARILY CROP	294.85	248.57
TOTAL AGRIC. PROD. LIVESTOCK	337.48	335.58
BEEF CATTLE FEED LOTS	364.35	357.60
BEEF CATTLE EXCEPT FEED LOTS	337.79	309.64
DAIRY FARMS	356.70	356.70
CHICKEN EGGS	274.35	290.02
TURKEYS & TURKEY EGGS	317.40	371.48
OTHER LIVESTOCK	320.25	311.50
TOTAL AGRICULTURAL SERVICES	245.99	207.24
SOIL PREPARATION SERVICES	576.33	484.06
CROP SERVICES	279.61	259.06
CROP PLANT-CULT-PROTECTION	323.54	306.24
CROP HARVEST PRIM. MACHINE	271.56	208.45
CROP PREP. SERV. FOR MARKET	272.16	266.26
COTTON GINNING	348.35	372.36
TOTAL FARM LABOR & MANAGEMENT	228.69	179.35
FARM LABOR CONTRACTORS	224.32	174.08
FARM MANAGEMENT SERVICES	284.42	234.60

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	42.6	36.8
TOTAL AGRIC. PROD. CROPS	44.7	39.0
CASH GRAINS	48.8	41.2
RICE	54.3	47.5
OTHER CASH GRAIN	43.5	36.6
FIELD CROPS EXCEPT CASH GRAIN	47.2	41.6
COTTON	45.0	41.6
OTHER FIELD CROPS	50.4	41.6
VEGETABLES AND MELONS	44.9	42.3
TOTAL FRUIT AND TREE NUTS	42.8	36.0
BERRIES	44.6	35.7
GRAPES	40.2	33.9
TREE NUTS	46.5	40.7
CITRUS FRUITS	42.7	38.8
DECIDUOUS TREE FRUIT	42.6	38.2
OTHER FRUITS AND NUTS	43.6	35.3
TOTAL HORTICULTURAL SPECIALTIES	45.1	42.8
ORNAMENTAL FLORAL & NURS PRD	44.8	42.8
FOOD CROPS GROWN UNDR COVER	48.1	42.3
GENERAL FARM PRIMARILY CROP	48.1	38.3
TOTAL AGRIC. PROD. LIVESTOCK	47.2	47.0
BEEF CATTLE FEED LOTS	52.5	52.9
BEEF CATTLE EXCEPT FEED LOTS	46.4	42.3
DAIRY FARMS	49.2	49.2
CHICKEN EGGS	42.8	45.6
TURKEYS & TURKEY EGGS	52.9	61.2
OTHER LIVESTOCK	42.7	41.7
TOTAL AGRICULTURAL SERVICES	38.8	31.4
SOIL PREPARATION SERVICES	55.9	50.9
CROP SERVICES	40.7	37.6
CROP PLANT-CULT-PROTECTION	48.8	46.4
CROP HARVEST PRIM. MACHINE	39.3	29.4
CROP PREP. SERV. FOR MARKET	39.5	38.7
COTTON GINNING	46.2	50.8
TOTAL FARM LABOR & MANAGEMENT	37.8	28.2
FARM LABOR CONTRACTORS	37.2	27.5
FARM MANAGEMENT SERVICES	45.8	35.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	6.30	6.47
TOTAL AGRIC. PROD. CROPS	6.16	6.25
CASH GRAINS	6.39	6.66
RICE	6.49	6.84
OTHER CASH GRAIN	6.27	6.48
FIELD CROPS EXCEPT CASH GRAIN	6.12	6.20
COTTON	6.05	6.22
OTHER FIELD CROPS	6.20	6.17
VEGETABLES AND MELONS	6.93	6.66
TOTAL FRUIT AND TREE NUTS	5.82	5.88
BERRIES	5.88	4.99
GRAPES	5.72	6.27
TREE NUTS	5.93	5.90
CITRUS FRUITS	7.25	7.37
DECIDUOUS TREE FRUIT	5.18	5.68
OTHER FRUITS AND NUTS	5.78	5.74
TOTAL HORTICULTURAL SPECIALTIES	6.41	6.49
ORNAMENTAL FLORAL & NURS PRD	6.34	6.33
FOOD CROPS GROWN UNDR COVER	6.95	7.94
GENERAL FARM PRIMARILY CROP	6.13	6.49
TOTAL AGRIC. PROD. LIVESTOCK	7.15	7.14
BEEF CATTLE FEED LOTS	6.94	6.76
BEEF CATTLE EXCEPT FEED LOTS	7.28	7.32
DAIRY FARMS	7.25	7.25
CHICKEN EGGS	6.41	6.36
TURKEYS & TURKEY EGGS	6.00	6.07
OTHER LIVESTOCK	7.50	7.47
TOTAL AGRICULTURAL SERVICES	6.34	6.60
SOIL PREPARATION SERVICES	10.31	9.51
CROP SERVICES	6.87	6.89
CROP PLANT-CULT-PROTECTION	6.63	6.60
CROP HARVEST PRIM. MACHINE	6.91	7.09
CROP PREP. SERV. FOR MARKET	6.89	6.88
COTTON GINNING	7.54	7.33
TOTAL FARM LABOR & MANAGEMENT	6.05	6.36
FARM LABOR CONTRACTORS	6.03	6.33
FARM MANAGEMENT SERVICES	6.21	6.59

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991	APR 1990
TOTAL AGRICULTURAL	135.4	98.0	154.0
TOTAL AGRIC. PROD. CROPS	69.1	49.6	75.6
TOTAL FIELD CROPS	9.5	7.7	9.8
COTTON	6.4	5.0	6.3
OTHER FIELD CROPS	3.1	2.7	3.5
VEGETABLES AND MELONS	6.5	5.4	9.2
TOTAL FRUIT AND TREE NUTS	33.9	23.0	36.2
GRAPES	14.6	9.3	15.4
TREE NUTS	3.1	3.2	3.3
CITRUS FRUITS	2.1	2.3	3.4
DECIDUOUS TREE FRUIT	8.1	3.9	9.1
OTHER FRUITS AND NUTS	6.0	4.3	5.0
HORTICULTURAL SPECIALTIES	3.0	2.6	3.3
GENERAL FARM PRIMARILY CROP	16.2	10.9	17.1
TOTAL AGRIC. PROD. LIVESTOCK	13.8	13.7	13.9
BEEF CATTLE FEED LOTS	0.4	0.4	0.4
BEEF CATTLE EXCEPT FEED LOTS	1.4	1.4	1.5
DAIRY FARMS	7.9	7.7	8.0
POULTRY & EGGS	3.0	3.1	2.8
OTHER LIVESTOCK	1.1	1.1	1.2
TOTAL AGRICULTURAL SERVICES	52.5	34.7	64.5
CROP SERVICES	14.5	11.7	20.8
CROP PLANT-CULT-PROTECTION	3.1	2.4	3.7
CROP HARVEST PRIM. MACHINE	2.5	1.8	2.4
CROP PREP. SERV. FOR MARKET	8.1	6.6	14.0
COTTON GINNING	0.8	0.9	0.7
TOTAL FARM LABOR & MANAGEMENT	38.0	23.0	43.7
FARM LABOR CONTRACTORS	35.4	20.6	37.4
FARM MANAGEMENT SERVICES	2.6	2.4	6.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	123.6	85.7
TOTAL AGRIC. PROD. CROPS	62.3	42.7
TOTAL FIELD CROPS	8.4	6.6
COTTON	5.8	4.4
OTHER FIELD CROPS	2.6	2.2
VEGETABLES AND MELONS	6.1	5.1
TOTAL FRUIT AND TREE NUTS	31.4	20.4
GRAPES	13.6	8.2
TREE NUTS	2.7	2.8
CITRUS FRUITS	1.9	2.1
DECIDUOUS TREE FRUIT	7.5	3.3
OTHER FRUITS AND NUTS	5.7	4.0
HORTICULTURAL SPECIALTIES	2.5	1.9
GENERAL FARM PRIMARILY CROP	13.9	8.7
TOTAL AGRIC. PROD. LIVESTOCK	12.6	12.5
BEEF CATTLE FEED LOTS	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.3	1.2
DAIRY FARMS	7.4	7.2
POULTRY & EGGS	2.6	2.8
OTHER LIVESTOCK	1.0	1.0
TOTAL AGRICULTURAL SERVICES	48.7	30.5
CROP SERVICES	11.6	8.6
CROP PLANT-CULT-PROTECTION	2.4	1.7
CROP HARVEST PRIM. MACHINE	2.2	1.5
CROP PREP. SERV. FOR MARKET	6.5	4.8
COTTON GINNING	0.5	0.6
TOTAL FARM LABOR & MANAGEMENT	37.1	21.9
FARM LABOR CONTRACTORS	34.8	19.8
FARM MANAGEMENT SERVICES	2.3	2.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	255.35	242.79
TOTAL AGRIC. PROD. CROPS	249.53	230.43
TOTAL FIELD CROPS	288.67	255.02
COTTON	261.95	249.08
OTHER FIELD CROPS	347.26	266.91
VEGETABLES AND MELONS	256.18	266.71
TOTAL FRUIT AND TREE NUTS	226.01	216.94
GRAPES	230.31	208.27
TREE NUTS	279.53	258.43
CITRUS FRUITS	209.84	207.90
DECIDUOUS TREE FRUIT	215.79	233.80
OTHER FRUITS AND NUTS	209.00	197.81
HORTICULTURAL SPECIALTIES	277.17	255.23
GENERAL FARM PRIMARILY CROP	270.39	215.49
TOTAL AGRIC. PROD. LIVESTOCK	338.74	332.69
BEEF CATTLE FEED LOTS	416.85	408.43
BEEF CATTLE EXCEPT FEED LOTS	360.58	326.23
DAIRY FARMS	344.47	345.10
POULTRY & EGGS	296.59	295.91
OTHER LIVESTOCK	359.04	329.18
TOTAL AGRICULTURAL SERVICES	241.34	224.02
CROP SERVICES	290.61	289.50
CROP PLANT-CULT-PROTECTION	309.12	300.84
CROP HARVEST PRIM. MACHINE	384.86	349.80
CROP PREP. SERV. FOR MARKET	246.10	255.19
COTTON GINNING	350.85	373.16
TOTAL FARM LABOR & MANAGEMENT	225.92	198.39
FARM LABOR CONTRACTORS	220.02	192.23
FARM MANAGEMENT SERVICES	321.88	256.37

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	43.5	38.6
TOTAL AGRIC. PROD. CROPS	43.7	37.9
TOTAL FIELD CROPS	47.4	41.4
COTTON	44.1	40.9
OTHER FIELD CROPS	54.6	42.3
VEGETABLES AND MELONS	43.2	44.6
TOTAL FRUIT AND TREE NUTS	41.7	36.4
GRAPES	41.2	33.7
TREE NUTS	45.9	43.0
CITRUS FRUITS	34.4	29.2
DECIDUOUS TREE FRUIT	42.9	41.9
OTHER FRUITS AND NUTS	41.8	36.7
HORTICULTURAL SPECIALTIES	40.7	37.7
GENERAL FARM PRIMARILY CROP	46.7	34.7
TOTAL AGRIC. PROD. LIVESTOCK	48.6	47.8
BEEF CATTLE FEED LOTS	60.5	59.8
BEEF CATTLE EXCEPT FEED LOTS	48.4	42.7
DAIRY FARMS	49.0	49.3
POULTRY & EGGS	44.6	44.1
OTHER LIVESTOCK	52.8	49.8
TOTAL AGRICULTURAL SERVICES	41.9	35.9
CROP SERVICES	47.1	43.6
CROP PLANT-CULT-PROTECTION	48.0	43.1
CROP HARVEST PRIM. MACHINE	58.4	49.9
CROP PREP. SERV. FOR MARKET	42.8	40.7
COTTON GINNING	47.8	51.4
TOTAL FARM LABOR & MANAGEMENT	40.2	32.9
FARM LABOR CONTRACTORS	39.5	32.2
FARM MANAGEMENT SERVICES	52.0	39.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	5.87	6.29
TOTAL AGRIC. PROD. CROPS	5.71	6.08
TOTAL FIELD CROPS	6.09	6.16
COTTON	5.94	6.09
OTHER FIELD CROPS	6.36	6.31
VEGETABLES AND MELONS	5.93	5.98
TOTAL FRUIT AND TREE NUTS	5.42	5.96
GRAPES	5.59	6.18
TREE NUTS	6.09	6.01
CITRUS FRUITS	6.10	7.12
DECIDUOUS TREE FRUIT	5.03	5.58
OTHER FRUITS AND NUTS	5.00	5.39
HORTICULTURAL SPECIALTIES	6.81	6.77
GENERAL FARM PRIMARILY CROP	5.79	6.21
TOTAL AGRIC. PROD. LIVESTOCK	6.97	6.96
BEEF CATTLE FEED LOTS	6.89	6.83
BEEF CATTLE EXCEPT FEED LOTS	7.45	7.64
DAIRY FARMS	7.03	7.00
POULTRY & EGGS	6.65	6.71
OTHER LIVESTOCK	6.80	6.61
TOTAL AGRICULTURAL SERVICES	5.76	6.24
CROP SERVICES	6.17	6.64
CROP PLANT-CULT-PROTECTION	6.44	6.98
CROP HARVEST PRIM. MACHINE	6.59	7.01
CROP PREP. SERV. FOR MARKET	5.75	6.27
COTTON GINNING	7.34	7.26
TOTAL FARM LABOR & MANAGEMENT	5.62	6.03
FARM LABOR CONTRACTORS	5.57	5.97
FARM MANAGEMENT SERVICES	6.19	6.54

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991	APR 1990
TOTAL AGRICULTURAL	75.5	64.7	69.3
TOTAL AGRIC. PROD. CROPS	51.6	44.3	52.0
VEGETABLES AND MELONS	10.8	9.5	9.5
TOTAL FRUIT AND TREE NUTS	22.2	16.2	21.8
BERRIES	16.7	10.9	16.9
GRAPES	1.2	1.2	0.8
CITRUS FRUITS	1.9	1.8	2.0
OTHER FRUITS AND NUTS	2.4	2.3	2.1
TOTAL HORTICULTURAL SPECIALTIES	15.0	15.5	17.0
ORNAMENTAL FLORAL & NURS PRD	14.4	14.9	16.1
FOOD CROPS GROWN UNDR COVER	0.6	0.6	0.9
GENERAL FARM PRIMARILY CROP	3.6	3.1	3.7
TOTAL AGRIC. PROD. LIVESTOCK	2.9	2.8	2.9
TOTAL AGRICULTURAL SERVICES	21.0	17.6	14.4
CROP SERVICES	5.6	4.3	4.8
CROP HARVEST PRIM. MACHINE	2.6	2.1	1.6
CROP PREP. SERV. FOR MARKET	3.0	2.2	3.2
TOTAL FARM LABOR & MANAGEMENT	15.4	13.3	9.6
FARM LABOR CONTRACTORS	13.8	11.9	7.4
FARM MANAGEMENT SERVICES	1.6	1.4	2.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	67.6	56.9
TOTAL AGRIC. PROD. CROPS	46.1	38.8
VEGETABLES AND MELONS	9.2	7.8
TOTAL FRUIT AND TREE NUTS	21.5	15.5
BERRIES	16.5	10.7
GRAPES	1.1	1.1
CITRUS FRUITS	1.7	1.6
OTHER FRUITS AND NUTS	2.2	2.1
TOTAL HORTICULTURAL SPECIALTIES	12.1	12.6
ORNAMENTAL FLORAL & NURS PRD	11.6	12.2
FOOD CROPS GROWN UNDR COVER	0.5	0.4
GENERAL FARM PRIMARILY CROP	3.3	2.9
TOTAL AGRIC. PROD. LIVESTOCK	2.0	2.0
TOTAL AGRICULTURAL SERVICES	19.5	16.1
CROP SERVICES	5.3	3.8
CROP HARVEST PRIM. MACHINE	2.5	2.0
CROP PREP. SERV. FOR MARKET	2.8	1.8
TOTAL FARM LABOR & MANAGEMENT	14.2	12.3
FARM LABOR CONTRACTORS	12.9	11.2
FARM MANAGEMENT SERVICES	1.3	1.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	293.71	236.72
TOTAL AGRIC. PROD. CROPS	298.17	242.87
VEGETABLES AND MELONS	351.98	288.29
TOTAL FRUIT AND TREE NUTS	271.18	198.11
BERRIES	267.01	174.47
GRAPES	271.21	266.48
CITRUS FRUITS	311.35	244.24
OTHER FRUITS AND NUTS	271.12	247.97
TOTAL HORTICULTURAL SPECIALTIES	296.10	266.41
ORNAMENTAL FLORAL & NURS PRD	294.06	266.11
FOOD CROPS GROWN UNDR COVER	345.49	283.22
GENERAL FARM PRIMARILY CROP	334.95	256.04
TOTAL AGRIC. PROD. LIVESTOCK	272.64	280.48
TOTAL AGRICULTURAL SERVICES	284.33	216.97
CROP SERVICES	304.94	274.24
CROP HARVEST PRIM. MACHINE	292.41	218.77
CROP PREP. SERV. FOR MARKET	317.07	336.49
TOTAL FARM LABOR & MANAGEMENT	277.14	198.72
FARM LABOR CONTRACTORS	278.26	197.10
FARM MANAGEMENT SERVICES	262.45	215.16

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	44.3	36.7
TOTAL AGRIC. PROD. CROPS	46.3	39.3
VEGETABLES AND MELONS	47.5	39.6
TOTAL FRUIT AND TREE NUTS	45.5	37.1
BERRIES	45.8	35.9
GRAPES	36.6	41.9
CITRUS FRUITS	44.1	35.5
OTHER FRUITS AND NUTS	48.5	42.1
TOTAL HORTICULTURAL SPECIALTIES	47.3	42.9
ORNAMENTAL FLORAL & NURS PRD	46.9	43.2
FOOD CROPS GROWN UNDR COVER	57.2	34.0
GENERAL FARM PRIMARILY CROP	44.6	34.6
TOTAL AGRIC. PROD. LIVESTOCK	42.8	44.1
TOTAL AGRICULTURAL SERVICES	39.6	29.6
CROP SERVICES	37.6	32.0
CROP HARVEST PRIM. MACHINE	36.1	26.2
CROP PREP. SERV. FOR MARKET	39.0	38.5
TOTAL FARM LABOR & MANAGEMENT	40.4	28.8
FARM LABOR CONTRACTORS	40.8	28.4
FARM MANAGEMENT SERVICES	36.3	33.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	6.63	6.45
TOTAL AGRIC. PROD. CROPS	6.44	6.18
VEGETABLES AND MELONS	7.41	7.28
TOTAL FRUIT AND TREE NUTS	5.96	5.34
BERRIES	5.83	4.86
GRAPES	7.41	6.36
CITRUS FRUITS	7.06	6.88
OTHER FRUITS AND NUTS	5.59	5.89
TOTAL HORTICULTURAL SPECIALTIES	6.26	6.21
ORNAMENTAL FLORAL & NURS PRD	6.27	6.16
FOOD CROPS GROWN UNDR COVER	6.04	8.33
GENERAL FARM PRIMARILY CROP	7.51	7.40
TOTAL AGRIC. PROD. LIVESTOCK	6.37	6.36
TOTAL AGRICULTURAL SERVICES	7.18	7.33
CROP SERVICES	8.11	8.57
CROP HARVEST PRIM. MACHINE	8.10	8.35
CROP PREP. SERV. FOR MARKET	8.13	8.74
TOTAL FARM LABOR & MANAGEMENT	6.86	6.90
FARM LABOR CONTRACTORS	6.82	6.94
FARM MANAGEMENT SERVICES	7.23	6.52

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991	APR 1990
TOTAL AGRICULTURAL	52.1	38.8	49.7
TOTAL AGRIC. PROD. CROPS	32.7	22.8	30.7
VEGETABLES AND MELONS	8.8	5.7	9.0
TOTAL FRUIT AND TREE NUTS	12.1	6.1	9.4
BERRIES	9.3	3.7	6.4
GRAPES	1.2	1.1	1.5
DECIDUOUS TREE FRUIT	0.7	0.6	0.8
OTHER FRUITS AND NUTS	0.9	0.7	0.7
TOTAL HORTICULTURAL SPECIALTIES	9.3	9.1	9.7
ORNAMENTAL FLORAL & NURS PRD	7.2	7.0	7.6
FOOD CROPS GROWN UNDR COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	2.5	1.9	2.6
TOTAL AGRIC. PROD. LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	18.2	14.8	17.8
CROP SERVICES	8.9	7.6	9.0
CROP HARVEST PRIM. MACHINE	3.7	3.3	3.7
CROP PREP. SERV. FOR MARKET	5.2	4.3	5.3
TOTAL FARM LABOR & MANAGEMENT	9.3	7.2	8.8
FARM LABOR CONTRACTORS	9.0	6.7	8.4
FARM MANAGEMENT SERVICES	0.3	0.5	0.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 CENTRAL COAST REGION
 (IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	47.4	34.6
TOTAL AGRIC. PROD. CROPS	29.5	19.7
VEGETABLES AND MELONS	7.9	5.0
TOTAL FRUIT AND TREE NUTS	11.6	5.5
BERRIES	9.1	3.5
GRAPES	1.0	0.9
DECIDUOUS TREE FRUIT	0.6	0.5
OTHER FRUITS AND NUTS	0.9	0.6
TOTAL HORTICULTURAL SPECIALTIES	7.6	7.4
ORNAMENTAL FLORAL & NURS PRD	5.8	5.6
FOOD CROPS GROWN UNDR COVER	1.8	1.8
GENERAL FARM PRIMARILY CROP	2.4	1.8
TOTAL AGRIC. PROD. LIVESTOCK	0.9	0.9
TOTAL AGRICULTURAL SERVICES	17.0	14.0
CROP SERVICES	8.2	6.9
CROP HARVEST PRIM. MACHINE	3.4	2.9
CROP PREP. SERV. FOR MARKET	4.8	4.0
TOTAL FARM LABOR & MANAGEMENT	8.8	7.1
FARM LABOR CONTRACTORS	8.6	6.6
FARM MANAGEMENT SERVICES	0.2	0.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	301.59	267.52
TOTAL AGRIC. PROD. CROPS	302.25	285.18
VEGETABLES AND MELONS	361.87	289.74
TOTAL FRUIT AND TREE NUTS	244.96	244.72
BERRIES	223.94	207.52
GRAPES	331.61	283.37
DECIDUOUS TREE FRUIT	231.87	188.06
OTHER FRUITS AND NUTS	372.48	442.26
TOTAL HORTICULTURAL SPECIALTIES	319.87	321.06
ORNAMENTAL FLORAL & NURS PRD	291.85	290.82
FOOD CROPS GROWN UNDR COVER	408.11	413.00
GENERAL FARM PRIMARILY CROP	327.84	244.19
TOTAL AGRIC. PROD. LIVESTOCK	353.32	324.09
TOTAL AGRICULTURAL SERVICES	297.47	238.51
CROP SERVICES	339.89	273.77
CROP HARVEST PRIM. MACHINE	288.12	245.66
CROP PREP. SERV. FOR MARKET	376.13	294.34
TOTAL FARM LABOR & MANAGEMENT	258.40	204.10
FARM LABOR CONTRACTORS	257.31	204.86
FARM MANAGEMENT SERVICES	327.89	191.81

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	43.9	38.0
TOTAL AGRIC. PROD. CROPS	46.5	42.5
VEGETABLES AND MELONS	50.4	43.9
TOTAL FRUIT AND TREE NUTS	43.9	38.6
BERRIES	43.4	37.8
GRAPES	41.4	34.6
DECIDUOUS TREE FRUIT	38.2	31.5
OTHER FRUITS AND NUTS	55.1	54.0
TOTAL HORTICULTURAL SPECIALTIES	45.5	45.8
ORNAMENTAL FLORAL & NURS PRD	44.9	44.4
FOOD CROPS GROWN UNDR COVER	47.4	50.0
GENERAL FARM PRIMARILY CROP	49.9	36.5
TOTAL AGRIC. PROD. LIVESTOCK	44.0	42.7
TOTAL AGRICULTURAL SERVICES	39.4	31.3
CROP SERVICES	43.8	36.6
CROP HARVEST PRIM. MACHINE	42.0	35.5
CROP PREP. SERV. FOR MARKET	45.1	37.4
TOTAL FARM LABOR & MANAGEMENT	35.3	26.1
FARM LABOR CONTRACTORS	35.2	26.4
FARM MANAGEMENT SERVICES	41.4	21.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	6.87	7.04
TOTAL AGRIC. PROD. CROPS	6.50	6.71
VEGETABLES AND MELONS	7.18	6.60
TOTAL FRUIT AND TREE NUTS	5.58	6.34
BERRIES	5.16	5.49
GRAPES	8.01	8.19
DECIDUOUS TREE FRUIT	6.07	5.97
OTHER FRUITS AND NUTS	6.76	8.19
TOTAL HORTICULTURAL SPECIALTIES	7.03	7.01
ORNAMENTAL FLORAL & NURS PRD	6.50	6.55
FOOD CROPS GROWN UNDR COVER	8.61	8.26
GENERAL FARM PRIMARILY CROP	6.57	6.69
TOTAL AGRIC. PROD. LIVESTOCK	8.03	7.59
TOTAL AGRICULTURAL SERVICES	7.55	7.62
CROP SERVICES	7.76	7.48
CROP HARVEST PRIM. MACHINE	6.86	6.92
CROP PREP. SERV. FOR MARKET	8.34	7.87
TOTAL FARM LABOR & MANAGEMENT	7.32	7.82
FARM LABOR CONTRACTORS	7.31	7.76
FARM MANAGEMENT SERVICES	7.92	8.88

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991	APR 1990
TOTAL AGRICULTURAL	43.0	51.4	37.4
TOTAL AGRIC. PROD. CROPS	13.0	14.1	13.2
FIELD CROPS	1.7	1.7	1.7
VEGETABLES AND MELONS	1.9	2.4	2.6
TOTAL FRUIT AND TREE NUTS	6.0	5.9	4.7
GRAPES	4.0	3.3	2.1
CITRUS FRUITS	1.0	0.9	1.1
OTHER FRUITS AND NUTS	1.0	1.7	1.5
HORTICULTURAL SPECIALTIES	1.0	1.0	1.0
GENERAL FARM PRIMARILY CROP	2.4	3.1	3.2
TOTAL AGRIC. PROD. LIVESTOCK	5.4	5.4	5.4
DAIRY FARMS	2.3	2.4	2.4
CHICKEN EGGS	1.3	1.3	1.4
OTHER LIVESTOCK	1.8	1.7	1.6
TOTAL AGRICULTURAL SERVICES	24.6	31.9	18.8
CROP SERVICES	8.6	9.8	6.7
CROP PLANT-CULT-PROTECTION	0.7	0.7	0.7
CROP HARVEST PRIM. MACHINE	1.6	1.8	1.2
CROP PREP. SERV. FOR MARKET	6.3	7.3	4.8
TOTAL FARM LABOR & MANAGEMENT	16.0	22.1	12.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	39.6	47.7
TOTAL AGRIC. PROD. CROPS	12.0	12.8
FIELD CROPS	1.5	1.4
VEGETABLES AND MELONS	1.9	2.3
TOTAL FRUIT AND TREE NUTS	5.8	5.6
GRAPES	3.8	3.0
CITRUS FRUITS	1.0	0.9
OTHER FRUITS AND NUTS	1.0	1.7
HORTICULTURAL SPECIALTIES	0.8	0.8
GENERAL FARM PRIMARILY CROP	2.0	2.7
TOTAL AGRIC. PROD. LIVESTOCK	4.4	4.6
DAIRY FARMS	2.1	2.3
CHICKEN EGGS	0.9	0.9
OTHER LIVESTOCK	1.4	1.4
TOTAL AGRICULTURAL SERVICES	23.2	30.3
CROP SERVICES	7.9	9.1
CROP PLANT-CULT-PROTECTION	0.6	0.6
CROP HARVEST PRIM. MACHINE	1.3	1.6
CROP PREP. SERV. FOR MARKET	6.0	6.9
TOTAL FARM LABOR & MANAGEMENT	15.3	21.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	230.48	197.19
TOTAL AGRIC. PROD. CROPS	269.84	235.90
FIELD CROPS	310.94	288.39
VEGETABLES AND MELONS	289.43	241.84
TOTAL FRUIT AND TREE NUTS	217.40	179.28
GRAPES	184.70	152.59
CITRUS FRUITS	279.24	271.96
OTHER FRUITS AND NUTS	281.73	177.65
HORTICULTURAL SPECIALTIES	310.74	280.21
GENERAL FARM PRIMARILY CROP	356.75	307.27
TOTAL AGRIC. PROD. LIVESTOCK	392.83	389.43
DAIRY FARMS	490.86	470.44
CHICKEN EGGS	257.42	273.76
OTHER LIVESTOCK	334.84	329.49
TOTAL AGRICULTURAL SERVICES	178.27	152.62
CROP SERVICES	225.40	227.86
CROP PLANT-CULT-PROTECTION	347.63	324.95
CROP HARVEST PRIM. MACHINE	258.96	132.69
CROP PREP. SERV. FOR MARKET	205.40	241.55
TOTAL FARM LABOR & MANAGEMENT	153.86	120.53

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	35.9	31.5
TOTAL AGRIC. PROD. CROPS	45.2	38.8
FIELD CROPS	49.2	44.3
VEGETABLES AND MELONS	50.6	41.2
TOTAL FRUIT AND TREE NUTS	39.1	31.9
GRAPES	38.4	29.4
CITRUS FRUITS	39.0	39.3
OTHER FRUITS AND NUTS	41.8	32.3
HORTICULTURAL SPECIALTIES	45.1	42.2
GENERAL FARM PRIMARILY CROP	54.8	47.2
TOTAL AGRIC. PROD. LIVESTOCK	47.5	47.9
DAIRY FARMS	50.5	48.7
CHICKEN EGGS	42.2	45.4
OTHER LIVESTOCK	46.7	48.1
TOTAL AGRICULTURAL SERVICES	28.8	26.0
CROP SERVICES	35.0	36.4
CROP PLANT-CULT-PROTECTION	53.4	53.8
CROP HARVEST PRIM. MACHINE	41.7	22.3
CROP PREP. SERV. FOR MARKET	31.6	38.1
TOTAL FARM LABOR & MANAGEMENT	25.6	21.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	6.42	6.26
TOTAL AGRIC. PROD. CROPS	5.97	6.08
FIELD CROPS	6.32	6.51
VEGETABLES AND MELONS	5.72	5.87
TOTAL FRUIT AND TREE NUTS	5.56	5.62
GRAPES	4.81	5.19
CITRUS FRUITS	7.16	6.92
OTHER FRUITS AND NUTS	6.74	5.50
HORTICULTURAL SPECIALTIES	6.89	6.64
GENERAL FARM PRIMARILY CROP	6.51	6.51
TOTAL AGRIC. PROD. LIVESTOCK	8.27	8.13
DAIRY FARMS	9.72	9.66
CHICKEN EGGS	6.10	6.03
OTHER LIVESTOCK	7.17	6.85
TOTAL AGRICULTURAL SERVICES	6.19	5.87
CROP SERVICES	6.44	6.26
CROP PLANT.-CULT.-PROTECTION	6.51	6.04
CROP HARVEST PRIM. MACHINE	6.21	5.95
CROP PREP. SERV. FOR MARKET	6.50	6.34
TOTAL FARM LABOR & MANAGEMENT	6.01	5.58

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991	APR 1990
TOTAL AGRICULTURAL	29.3	20.7	26.9
TOTAL AGRIC. PROD. CROPS	19.8	14.5	18.5
RICE	1.9	1.1	1.7
VEGETABLES AND MELONS	1.5	0.8	1.5
TOTAL FRUIT AND TREE NUTS	6.5	6.4	5.8
TREE NUTS	1.9	1.8	1.7
DECIDUOUS TREE FRUIT	2.3	2.3	2.4
OTHER FRUITS AND NUTS	2.3	2.3	1.7
HORTICULTURAL SPECIALTIES	2.5	1.7	2.3
GENERAL FARM PRIMARILY CROP	7.4	4.5	7.2
TOTAL AGRIC. PROD. LIVESTOCK	2.1	1.9	2.2
TOTAL AGRICULTURAL SERVICES	7.4	4.3	6.2
CROP SERVICES	2.7	2.3	2.6
CROP HARVEST PRIM. MACHINE	1.1	0.7	1.3
CROP PREP. SERV. FOR MARKET	1.6	1.6	1.3
TOTAL FARM LABOR & MANAGEMENT	4.7	2.0	3.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	25.8	18.1
TOTAL AGRIC. PROD. CROPS	17.4	12.6
RICE	1.4	0.9
VEGETABLES AND MELONS	1.4	0.7
TOTAL FRUIT AND TREE NUTS	5.7	5.7
TREE NUTS	1.7	1.6
DECIDUOUS TREE FRUIT	2.0	2.1
OTHER FRUITS AND NUTS	2.0	2.0
HORTICULTURAL SPECIALTIES	2.2	1.4
GENERAL FARM PRIMARILY CROP	6.7	3.9
TOTAL AGRIC. PROD. LIVESTOCK	1.9	1.8
TOTAL AGRICULTURAL SERVICES	6.5	3.7
CROP SERVICES	2.2	1.9
CROP HARVEST PRIM. MACHINE	0.8	0.5
CROP PREP. SERV. FOR MARKET	1.4	1.4
TOTAL FARM LABOR & MANAGEMENT	4.3	1.8

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	273.83	242.41
TOTAL AGRIC. PROD. CROPS	276.59	235.36
RICE	344.38	356.21
VEGETABLES AND MELONS	342.90	305.60
TOTAL FRUIT AND TREE NUTS	257.78	204.92
TREE NUTS	271.98	204.99
DECIDUOUS TREE FRUIT	246.78	210.27
OTHER FRUITS AND NUTS	257.31	199.56
HORTICULTURAL SPECIALTIES	245.44	255.96
GENERAL FARM PRIMARILY CROP	273.13	232.10
TOTAL AGRIC. PROD. LIVESTOCK	367.95	328.60
TOTAL AGRICULTURAL SERVICES	241.23	227.15
CROP SERVICES	241.80	232.76
CROP HARVEST PRIM. MACHINE	214.82	267.32
CROP PREP. SERV. FOR MARKET	257.40	218.79
TOTAL FARM LABOR & MANAGEMENT	240.52	220.59

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	46.1	37.7
TOTAL AGRIC. PROD. CROPS	47.2	37.9
RICE	52.1	50.1
VEGETABLES AND MELONS	50.8	40.0
TOTAL FRUIT AND TREE NUTS	46.7	35.7
TREE NUTS	47.3	35.9
DECIDUOUS TREE FRUIT	45.7	35.7
OTHER FRUITS AND NUTS	47.3	35.7
HORTICULTURAL SPECIALTIES	41.6	40.5
GENERAL FARM PRIMARILY CROP	47.5	36.9
TOTAL AGRIC. PROD. LIVESTOCK	47.6	42.4
TOTAL AGRICULTURAL SERVICES	43.0	35.0
CROP SERVICES	37.2	35.7
CROP HARVEST PRIM. MACHINE	33.1	41.9
CROP PREP. SERV. FOR MARKET	39.6	33.2
TOTAL FARM LABOR & MANAGEMENT	45.9	34.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	5.94	6.43
TOTAL AGRIC. PROD. CROPS	5.86	6.21
RICE	6.61	7.11
VEGETABLES AND MELONS	6.75	7.64
TOTAL FRUIT AND TREE NUTS	5.52	5.74
TREE NUTS	5.75	5.71
DECIDUOUS TREE FRUIT	5.40	5.89
OTHER FRUITS AND NUTS	5.44	5.59
HORTICULTURAL SPECIALTIES	5.90	6.32
GENERAL FARM PRIMARILY CROP	5.75	6.29
TOTAL AGRIC. PROD. LIVESTOCK	7.73	7.75
TOTAL AGRICULTURAL SERVICES	5.61	6.49
CROP SERVICES	6.50	6.52
CROP HARVEST PRIM. MACHINE	6.49	6.38
CROP PREP. SERV. FOR MARKET	6.50	6.59
TOTAL FARM LABOR & MANAGEMENT	5.24	6.45

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991	APR 1990
TOTAL AGRICULTURAL	11.0	11.3	11.6
TOTAL AGRIC. PROD. CROPS	7.7	8.2	8.3
TOTAL FRUIT AND TREE NUTS	6.0	6.4	6.6
GRAPES	5.0	5.2	5.7
OTHER FRUITS AND NUTS	1.0	1.2	0.9
TOTAL HORTICULTURAL SPECIALTIES	1.3	1.4	1.3
GENERAL FARM PRIMARILY CROP (2)	0.4	0.4	0.4
TOTAL AGRIC. PROD. LIVESTOCK	2.0	1.9	1.9
TOTAL AGRICULTURAL SERVICES	1.3	1.2	1.4

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, OR HOURS AND EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	8.4	8.6
TOTAL AGRIC. PROD. CROPS	5.7	6.2
TOTAL FRUIT AND TREE NUTS	4.3	4.8
GRAPES	3.5	3.8
OTHER FRUITS AND NUTS	0.8	1.0
TOTAL HORTICULTURAL SPECIALTIES	1.1	1.1
TOTAL AGRIC. PROD. LIVESTOCK	1.6	1.5
TOTAL AGRICULTURAL SERVICES	1.1	0.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	291.29	261.37
TOTAL AGRIC. PROD. CROPS	274.58	242.86
TOTAL FRUIT AND TREE NUTS	284.12	246.24
GRAPES	296.21	259.15
OTHER FRUITS AND NUTS	230.52	199.27
TOTAL HORTICULTURAL SPECIALTIES	242.35	239.00
TOTAL AGRIC. PROD. LIVESTOCK	313.41	324.87
TOTAL AGRICULTURAL SERVICES	351.36	286.47

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	42.9	38.1
TOTAL AGRIC. PROD. CROPS	40.8	35.3
TOTAL FRUIT AND TREE NUTS	40.3	34.2
GRAPES	40.3	33.7
OTHER FRUITS AND NUTS	40.3	36.1
TOTAL HORTICULTURAL SPECIALTIES	40.8	39.9
TOTAL AGRIC. PROD. LIVESTOCK	47.2	48.2
TOTAL AGRICULTURAL SERVICES	48.0	41.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
 AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN DOLLARS PER HOUR)

INDUSTRY	APR 1991	MAR 1991
TOTAL AGRICULTURAL	6.79	6.86
TOTAL AGRIC. PROD. CROPS	6.73	6.88
TOTAL FRUIT AND TREE NUTS	7.05	7.20
GRAPES	7.35	7.69
OTHER FRUITS AND NUTS	5.72	5.52
TOTAL HORTICULTURAL SPECIALTIES	5.94	5.99
TOTAL AGRIC. PROD. LIVESTOCK	6.64	6.74
TOTAL AGRICULTURAL SERVICES	7.32	6.97

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.